

Industrial Electrician (Oil & Gas)

Sample Paper

Training Provider		Training Center	
Center SPOC		Batch Id	
Center SPOC Contact No		Assessment date	
Candidate Name		Trainer Name	
Candidate Contact No		Trainer Contact No	
Candidate Signature		Trainer Signature	

Q1. What is the primary purpose of a job description?

- a) To advertise products
- b) To define duties and responsibilities of a job
- c) To calculate salary
- d) To conduct interviews

Q2. Which document contains details of an applicant's qualifications and experience?

- a) Invoice
- b) Resume/CV
- c) Purchase Order
- d) Log Book

Q3. What should be checked before starting any industrial electrical wiring work?

- a) Weather conditions
- b) Availability of tea break
- c) Electrical drawings and safety Requirements
- d) Office timings

Q4. Which color is commonly used for earth wire?

- a) Red
- b) Blue
- c) Green
- d) Yellow

Q5. Which device protects a circuit from overcurrent?

- a) Switch
- b) Fuse
- c) Lamp
- d) Capacitor

Q6. The unit of electrical current is:

- a) Volt
- b) Ohm
- c) Ampere
- d) Watt

Q7. Which PPE is mandatory while working on electrical equipment?

- a) Safety helmet only
- b) Insulated gloves only
- c) Safety shoes only
- d) All of the above

Q8. Before carrying out maintenance on electrical equipment, the first safety step is:

- a) Increase the voltage
- b) Remove the fuse randomly
- c) Start the equipment
- d) Apply Lockout/Tagout (LOTO) procedures

Q9. Which law defines the relationship between voltage, current, and resistance?

- a) Newton's Law
- b) Faraday's Law
- c) Ohm's Law
- d) Kirchhoff's Law

Q10. What is the first step in problem-solving?

- a) Ignore the problem
- b) Identify the problem
- c) Blame others
- d) Change the process immediately

Q11. A multimeter can measure:

- a) Voltage, current, and resistance
- b) Current only
- c) Resistance only
- d) Voltage only

Q12. What is the purpose of earthing?

- a) Increase voltage
- b) Reduce cable length
- c) Increase current flow
- d) Prevent electric shock and protect equipment

Q13 Conflict in a team can be reduced by:

- a) Effective communication
- b) Avoiding work
- c) Shouting at others
- d) Ignoring team members

Q14. Which quality is important for working effectively in a team?

- a) Discipline
- b) Carelessness
- c) Laziness
- d) Arrogance

Q15. Which fire extinguisher is suitable for electrical fires?:

- a) Water extinguisher
- b) Foam extinguisher
- c) CO₂ extinguisher
- d) Sand only

Q16. The frequency of AC power supply in India is:

- a) 25 Hz
- b) 50 Hz
- c) 60 Hz
- d) 100 Hz

Q17. Why is water quality monitoring important?

- a) To increase water bills
- b) To ensure safe drinking water
- c) To reduce rainfall
- d) To increase pressure

Q18. Which instrument is used to test insulation resistance?

- a) Clamp Meter
- b) Megger
- c) Ammeter
- d) Lux Meter

Q19. What does "Ex" marking on electrical equipment indicate?

- a) Export quality
- b) Extra voltage
- c) External use only
- d) Explosion-protected equipment for hazardous areas

Q20 What is the emergency contact number commonly used for ambulance services in India?

- a) 100
- b) 101
- c) 102/108
- d) 1098